Storm Data and Unusual Weather Phenomena - December 2010

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LINOIS, Northwest				
L-Z024) MERCER				
	12/03/10 13:00 CST		0	Winter Weather
	12/04/10 13:15 CST		0	
	PHENSON, (IL-Z007) CARROLL, (IL-Z00	09) WHITESIDE, (I	L-Z015) ROCK ISL	AND, (IL-Z016) HENRY, (IL-Z017)
UREAU, (IL-Z018) PUTNAM	12/03/10 14:30 CST		0	Winter Storm
	12/04/10 16:00 CST		0	
as pointed into the region with stron oted in portions of eastern lowa and ounty, and 9.2 inches near Elizabeth,	om the 20s in eastern lowa to the 60s ig warm air advection producing band northwest Illinois. As much as 9.4 inc Illinois in Jo Daviess county. Nine in accidents and cars in the ditches due	s of heavy snow. hes of snow was ches of snow was	Snowfall amounts measured at Thor	s of at least 6 inches were nson, Illinois in Carroll
L-Z001) JO DAVIESS, (IL-Z002) STEP	HENSON, (IL-Z007) CARROLL, (IL-Z0	09) WHITESIDE, (I	L-Z015) ROCK ISL	AND, (IL-Z024) MERCER, (IL-Z025)
IENDERSON, (IL-Z034) HANCOCK	12/11/10 22:40 CST		0	Winter Weather
	12/11/10 12:00 CST		0	white weather
	12/12/10 12:00 001		O .	
L-Z016) HENRY, (IL-Z017) BUREAU, ((IL-Z018) PUTNAM, (IL-Z026) WARREN	I, (IL-Z035) MCDO	NOUGH	
L-Z016) HENRY, (IL-Z017) BUREAU, ((IL-Z018) PUTNAM, (IL-Z026) WARREN 12/11/10 23:00 CST	I, (IL-Z035) MCDO	NOUGH 0	Blizzard
blizzard struck portions of eastern le t stream began diving out of the nort wa. This cyclone then intensified co		r 11-12, 2010. A st med across the no Illinois. Even thou	0 0 rong upper level o orthern Plains and ugh snowfall was	disturbance and powerful tracked into western generally only in the 1 to 4
A blizzard struck portions of eastern lo et stream began diving out of the nort owa. This cyclone then intensified co nch range, strong winds gusting to 40 observed west of Interstate 380/Highw	12/11/10 23:00 CST 12/12/10 12:00 CST owa and western Illinois on Decembe thern Rockies. Low pressure then fornsiderably as it pushed into northern 0 to 50 mph generated blizzard conditivay 218 in eastern lowa, and also in poe e motorists. The strong winds also to	r 11-12, 2010. A st med across the no Illinois. Even thoo ions in some loca ortions of western	0 0 orthern Plains and ugh snowfall was tions. The worst Illinois. Roads wa	disturbance and powerful I tracked into western generally only in the 1 to 4 blizzard conditions were ere impassable and drifts
A blizzard struck portions of eastern le et stream began diving out of the nort owa. This cyclone then intensified co nch range, strong winds gusting to 40 observed west of Interstate 380/Highw everal feet high which stranded some netal shed off its cement foundation i	12/11/10 23:00 CST 12/12/10 12:00 CST owa and western Illinois on Decembe thern Rockies. Low pressure then for insiderably as it pushed into northern 0 to 50 mph generated blizzard conditivay 218 in eastern lowa, and also in postero motorists. The strong winds also to in Cedar Rapids, Iowa.	r 11-12, 2010. A st med across the no Illinois. Even thou ions in some loca ortions of western opled a tree onto	0 0 orthern Plains and ugh snowfall was tions. The worst Illinois. Roads wa a house in Marion	disturbance and powerful I tracked into western generally only in the 1 to 4 blizzard conditions were ere impassable and drifts , lowa and flipped a
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a blizzard struck portions of eastern le et stream began diving out of the nort owa. This cyclone then intensified con nch range, strong winds gusting to 40 observed west of Interstate 380/Highw everal feet high which stranded some netal shed off its cement foundation in	12/11/10 23:00 CST 12/12/10 12:00 CST owa and western Illinois on Decembe thern Rockies. Low pressure then for insiderably as it pushed into northern 0 to 50 mph generated blizzard conditivay 218 in eastern lowa, and also in pose motorists. The strong winds also to in Cedar Rapids, Iowa. HENSON, (IL-Z007) CARROLL, (IL-Z01) MERCER, (IL-Z026) WARREN 12/15/10 17:40 CST	r 11-12, 2010. A st med across the no Illinois. Even thou ions in some loca ortions of western opled a tree onto	0 0 rong upper level of orthern Plains and ugh snowfall was tions. The worst Illinois. Roads we a house in Marion L-Z015) ROCK ISL	disturbance and powerful I tracked into western generally only in the 1 to 4 blizzard conditions were ere impassable and drifts , lowa and flipped a
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Storm Data and Unusual Weather Phenomena - December 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/23/10 23:00 CST		0	Winter Weather
	12/25/10 04:00 CST		0	

A timely snowstorm brought picture perfect conditions to much of the Midwest for Christmas Eve into Christmas Day. A strong warm front was located from western lowa to western Kentucky with strong warm air advection producing several bands of moderate to heavy snowfall. Accumulations were at least 5 inches in many locations, but ranged from a foot of snow in portions of northeast lowa to about 3 to 4 inches in extreme northeast Missouri. The most measured was 12 inches at Coggon, lowa in Linn county. Other amounts included 11 inches near Marion, lowa in Linn county, 10.2 inches at Quasqueton, lowa in Buchanan county, and 9.4 inches at Lowden, lowa in Cedar county. Even in northwest Illinois amounts were impressive with 9.6 inches measured by a spotter near Coal Valley in Henry county.

IA-2040) BUCHANAN, (IA-2052) LIN	N, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT		
	12/03/10 14:00 CST	0	Winter Weather
	12/04/10 14:40 CST	0	
(IA-Z041) DELAWARE, (IA-Z042) DUI	BUQUE, (IA-Z053) JONES, (IA-Z054) JACKSON,	(IA-Z065) CEDAR, (IA-Z	Z066) CLINTON
	12/03/10 14:00 CST	0	Winter Storm
	12/04/10 14:00 CST	0	
of the Plains. Temperatures ranged to was pointed into the region with stro toted in portions of eastern lowa an County, and 9.2 inches near Elizabe	arrived on December 3-4, 2010. Low pressure of from the 20s in eastern lowa to the 60s in the scorn warm air advection producing bands of head northwest Illinois. As much as 9.4 inches of seth, Illinois in Jo Daviess County. Nine inches our accidents and cars in the ditches due to the	outhern and central Pla avy snow. Snowfall amo snow was measured at of snow was reported n	nins. A 40 knot low level jet ounts of at least 6 inches were Thomson, Illinois in Carroll
	NTON, (IA-Z063) IOWA, (IA-Z076) KEOKUK, (IA-Z	2087) JEFFERSON	
	12/11/10 18:00 CST	0	Blizzard
	12/12/10 10:00 CST	0	
	, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z068 2077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z088 12/11/10 19:05 CST 12/12/10 12:00 CST	, , , , ,	•
(IA-Z041) DELAWARE			
(IA-Z041) DELAWARE	12/11/10 21:00 CST	0	Winter Storm

0

0

12/15/10 18:05 CST

12/16/10 20:45 CST

A warm front from South Dakota to western Missouri moved east on December 15-16, 2010 producing several inches of snow across eastern lowa and western Illinois. A strong baroclinic zone associated with the front produced strong warm air advection which led to several bands of heavier snow. Snowfall amounts of 3 to 5 inches were common with the highest amount of 6 inches reported at Muscatine, lowa. The National Weather Service Forecast Office at the Davenport Municipal Airport measured 5.9 inches of snow.

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Winter Weather

Storm Data and Unusual Weather Phenomena - December 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
` , , , , , , , , , , , , , , , , , , ,	2041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z052	2) LINN, (IA-Z053)	JONES, (IA-Z054)	JACKSON, (IA-Z065) CEDAR,
(IA-Z066) CLINTON, (IA-Z06	8) SCOTT 12/20/10 07:20 CST		0	Winter Weather
	12/21/10 17:55 CST		0	willer weather
lowa and northwest Illinois	ota with a warm front extending to western Miss on December 20-21, 2010. Snowfall amounts of Vinslow, Illinois in Stephenson county.	•		
, ,	041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051 OHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, 12/23/10 08:45 CST	,	, , ,	
	12/25/10 23:00 CST		0	
(IA-Z076) KEOKUK, (IA-Z077 BUREN, (IA-Z099) LEE	7) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JI	EFFERSON, (IA-Z	088) HENRY, (IA-Z	089) DES MOINES, (IA-Z098) VAN
	12/23/10 21:45 CST		0	Winter Weather
	12/25/10 02:45 CST		0	
front was located from west heavy snowfall. Accumulati about 3 to 4 inches in extrei included 11 inches near Ma	nt picture perfect conditions to much of the Midvitern lowa to western Kentucky with strong warm ons were at least 5 inches in many locations, but me northeast Missouri. The most measured was rion, lowa in Linn county, 10.2 inches at Quasquerthwest Illinois amounts were impressive with 9	n air advection pro ut ranged from a f 12 inches at Cog ueton, Iowa in Buo	oducing several ba oot of snow in por gon, lowa in Linn hanan county, an	ands of moderate to tions of northeast lowa to county. Other amounts d 9.4 inches at Lowden, lowa

	Northeast

county.

(MO-Z009) SCOTLAND, (MO-Z010) CLARK				
	12/11/10 21:00 CST	0	Winter Weather	
	12/12/10 10:00 CST	0		

A blizzard struck portions of eastern lowa and western Illinois on December 11-12, 2010. A strong upper level disturbance and powerful jet stream began diving out of the northern Rockies. Low pressure then formed across the northern Plains and tracked into western lowa. This cyclone then intensified considerably as it pushed into northern Illinois. Even though snowfall was generally only in the 1 to 4 inch range, strong winds gusting to 40 to 50 mph generated blizzard conditions in some locations. In extreme northeast Missouri only an inch or two of snow fell along with some blowing and drifting.

(MO-Z009) SCOTLAND, (MO-Z010) CLARK			
	12/24/10 10:00 CST	0	Winter Weather
	12/25/10 03:00 CST	0	

A timely snowstorm brought picture perfect conditions to much of the Midwest for Christmas Eve into Christmas Day. A strong warm front was located from western lowa to western Kentucky with strong warm air advection producing several bands of moderate to heavy snowfall. Accumulations were at least 5 inches in many locations, but ranged from a foot of snow in portions of northeast lowa to about 3 to 4 inches in extreme northeast Missouri.

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